

# **UTILITY MOTOR VEHICLE WITH CARRIER**

## **ABSTRACT**

A miniaturized four wheel vehicle includes a forwardly located compartment for transporting articles. Robust side mounted footrests, in combination with a forwardly canted steering handlebar urges a driver to lean into a turn to enhance stability during turns. The motor and related heavy components are mounted low on the frame to maintain the center of gravity close to the ground. A drive train of cog wheels and cog belt ensure corresponding rotation of the motor and rear axle to maintain affirmative control over forward and rearward movement. If an electric motor is used, soft start circuitry prevents abrupt starts. By mounting the front and rear axles at different heights relative to the frame, the frame will cant forwardly downwardly for better control and maneuverability.